SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution | Approved by AICTE | Affiliated to Anna University | Accredited by NAAC with A++ Grade
Kuniamuthur, Coimbatore – 641008
Phone : (0422)-2678001 (7 Lines) | Email : info@skcet.ac.in | Website : www.skcet.ac.in

SDG 13 – CLIMATE ACTION



CLIMATE ACTION

It focuses on taking urgent action to combat climate change and its impacts. This includes strengthening resilience and adaptive capacity to climate-related hazards, improving education and awareness on climate change, and promoting sustainable practices to reduce greenhouse gas emissions. SDG 13 emphasizes global cooperation and policy efforts to address climate change at all levels.

POLICY

Our institute is dedicated to SDG 13: Climate Action by actively engaging in initiatives that combat climate change and promote sustainability. Through efforts like tree plantation drives and awareness rallies, we aim to reduce carbon footprints and foster environmental stewardship. Our policy encourages the adoption of eco-friendly practices and sustainable solutions within the community. We strive to raise awareness on the importance of climate action and inspire collective efforts to mitigate climate-related impacts. By empowering individuals, we aim to create a positive environmental legacy for future generations.

ACTIONS PLANNED

The National Conference on Contemporary Research in Science, Engineering and Technology (NCCRSET – 2024) was successfully conducted on 19.08.2024 at Sri Krishna College of Engineering and Technology, organised by the Department of Science and Humanities. The conference aimed to enhance and promote research by bringing together academicians, researchers and students from various institutions across Tamil Nadu.

RELEVANCE OF THE CONFERENCE TO SDG 13

The National Conference on Contemporary Research in Science, Engineering and Technology provided a platform for researchers, academicians and students to share current research, discuss emerging technologies and explore solutions to contemporary challenges. The conference is mapped to SDG 13 as a research and knowledge-sharing initiative that can encourage climate-conscious innovation and the development of sustainable technologies.

The conference covered a broad range of contemporary research in science, engineering and technology. The available event record does not identify a separately titled climate-change paper track. Accordingly, SDG 13 is presented here as the conference's thematic sustainability alignment rather than as a claim that a dedicated climate-action track was formally conducted.

KEY HIGHLIGHTS

- Diverse participation: A total of 74 participants from the host institution and other educational institutions took part in the conference.
- Keynote addresses: Invited speakers shared perspectives on emerging trends, innovative approaches and future research directions.
- Interactive discussions: Participants engaged in discussions on contemporary challenges and opportunities across science, engineering and technology.
- Research paper presentations: Researchers presented their work and findings, supporting academic exchange and the dissemination of new knowledge.

SDG 13 – CLIMATE ACTION: RESEARCH TRACK / THEMATIC FOCUS

- Climate-change mitigation and adaptation strategies.
- Renewable energy, energy efficiency and low-carbon technologies.
- Sustainable materials, manufacturing and green engineering practices.
- Climate-resilient infrastructure and disaster-risk reduction.
- Environmental monitoring, pollution control and resource-efficient technologies.
- Climate literacy, public awareness and technology-enabled sustainability.

OUTCOMES

- The conference provided a platform for 74 participants to exchange research knowledge and ideas.
- Participants gained exposure to contemporary developments in science, engineering and technology.
- The event encouraged research networking and potential inter-institutional collaboration.
- The conference strengthened awareness of the role of research and technological innovation in addressing sustainability challenges, including climate action.



Conference Brochure

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Conference Photos

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LIST OF PARTICIPANTS

S.No.	PARTICIPANT NAME	Participants – (Internal / External)	Participants' Institution Name
1	S A SARAN	Internal Participant	SKCET
2	Dr. K. MAHALAKSHMI	External Participant	United Institute Of Technology
3	JAYAKUMAR KB	Internal Participant	SKCET
4	MOHAMMED DHAMEEM S	Internal Participant	SKCET
5	MOHAMMED ANAS M	Internal Participant	SKCET
6	Dr.G.SHANMUGA PRIYA	External Participant	V.V.Vanniaperumal College for Women
7	KUBERA RAJA A	External Participant	Government College of Engineering, Bodinayakkanur - 625582
8	UGESH G	Internal Participant	SKCET
9	NADESH RAGUL K J	Internal Participant	SKCET
10	NISHANTH S	Internal Participant	SKCET
11	NARESH S	Internal Participant	SKCET
12	A OVIYA DARSHNI	External Participant	K.S.Rangasamy College of Technology, Tiruchengode
13	V.R.BALAJI	Internal Participant	SKCET
14	YOGESHWARAN A	External Participant	Sri Ramakrishna Mission Vidyalaya College Of Arts And Science
15	Dr.K.PRABHA	External Participant	K.S.Rangasamy College of technology
16	AKASH RIGIN S	Internal Participant	SKCET
17	ABI NANDHA PRABURAJ	Internal Participant	SKCET
18	AGATHIYAN SUBRAMANIAN	Internal Participant	SKCET
19	BHARATH S	Internal Participant	SKCET
20	ASHWIN S	Internal Participant	SKCET

S.No.	PARTICIPANT NAME	Participants – (Internal / External)	Participants' Institution Name
21	DHIVYA DHARSHINI R	Internal Participant	SKCET
22	DHANASEKARAN M	Internal Participant	SKCET
23	AKSHAY JITH P P	Internal Participant	SKCET
24	JAYARAM R	Internal Participant	SKCET
25	SANJAY V	Internal Participant	SKCET
26	MOHAMED ALI RAIHAN M	Internal Participant	SKCET
27	ASMITHA M	Internal Participant	SKCET
28	I.SARASAMREEN	External Participant	Periyar University, Salem-636 011, Tamil Nadu.
29	A. DURGANANDHINI	External Participant	Research Scholar, Department of Physics, Periyar University, Salem-636 011, Tamil Nadu.
30	R. VIKAS	External Participant	Department of Physics, Builders Engineering College, Kangayam, Tamilnadu,
31	K.SRINATH	External Participant	Builders engineering college
32	V D GOWSHIK	External Participant	Department of Physics, Builders Engineering College, Kangayam, Tamilnadu,
33	SI. SYED ARSHAD	External Participant	Builders Engineering College
34	C. VIDYA	External Participant	Periyar University
35	ARUTCHELVAN PR	Internal Participant	SKCET
36	ARULMURUGAN R	Internal Participant	SKCET
37	KAAMESH KJ	Internal Participant	SKCET
38	AMRITBALAJI K	Internal Participant	SKCET

S.No.	PARTICIPANT NAME	Participants – (Internal / External)	Participants' Institution Name
39	HARINI SRI G	Internal Participant	SKCET
40	ANNAMALAISAMY K	Internal Participant	SKCET
41	ABDUL BAHIR A	Internal Participant	SKCET
42	AMOKA B	Internal Participant	SKCET
43	BOOBESHKUMAR K	Internal Participant	SKCET
44	V. THEEVENTHIRAN	External Participant	Builders Engineering College
45	M. SANJAY KUMAR	External Participant	Builders Engineering College
46	R. DEVA	External Participant	Builders Engineering College
47	K. ARUN	External Participant	Builders Engineering College
48	INEETHA P	Internal Participant	SKCET
49	CHERAN R	Internal Participant	SKCET
50	SANGEETHA D	External Participant	Government college of technology, Coimbatore
51	GANESH K	Internal Participant	SKCET
52	T. AKASHNARAYANA	External Participant	Kongu Arts and Science College (Autonomous), Erode
53	GIRISHANKAR P L	Internal Participant	SKCET
54	DHANUSH S	Internal Participant	SKCET
55	JERRY SAMRAJ A	Internal Participant	SKCET
56	DHARUN R	Internal Participant	SKCET
57	GIRIDHAR BABU S N	Internal Participant	SKCET

S.No.	PARTICIPANT NAME	Participants – (Internal / External)	Participants' Institution Name
58	SUSITHRA V	External Participant	Department of physics, KPR institute of Engineering and Technology, Coimbatore 641 407, Tamilnadu, India
59	K. MATHU METHAA	External Participant	Department of physics, KPR institute of Engineering and Technology, Coimbatore 641 407, Tamilnadu, India
60	S.J NILOFUR FATHIMA	External Participant	Department of physics, KPR institute of Engineering and Technology, Coimbatore 641 407, Tamilnadu, India
61	S.SINDHU KAVIA	External Participant	Department of physics, KPR institute of Engineering and Technology, Coimbatore 641 407, Tamilnadu, India
62	GOWTHAM R	Internal Participant	SKCET
63	ASHIQ A	Internal Participant	SKCET
64	GOKUL S	Internal Participant	SKCET
65	RAMESHKUMAR.R	External Participant	Sri vasavi college of Arts and science college Erode

S.No.	PARTICIPANT NAME	Participants – (Internal / External)	Participants' Institution Name
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67	KILARI.VENKATA SIVA RAMA KRISHNA	External Participant	Saveetha School of Engineering
68	HARI KRISHNAN.K	External Participant	Saveetha school of Engineering
69	C JANANI	External Participant	Saveetha Institute Of Medical And Technical Sciences
70	T ENDUSHA	External Participant	Saveetha institute of technology and science
71	S. LIKHITHA	External Participant	Saveetha school of engineering
72	S. BHAVYA SRI	External Participant	Saveetha school of engineering
73	SHIBANI SHREE S	Internal Participant	SKCET
74	ABIRAMI R	Internal Participant	SKCET